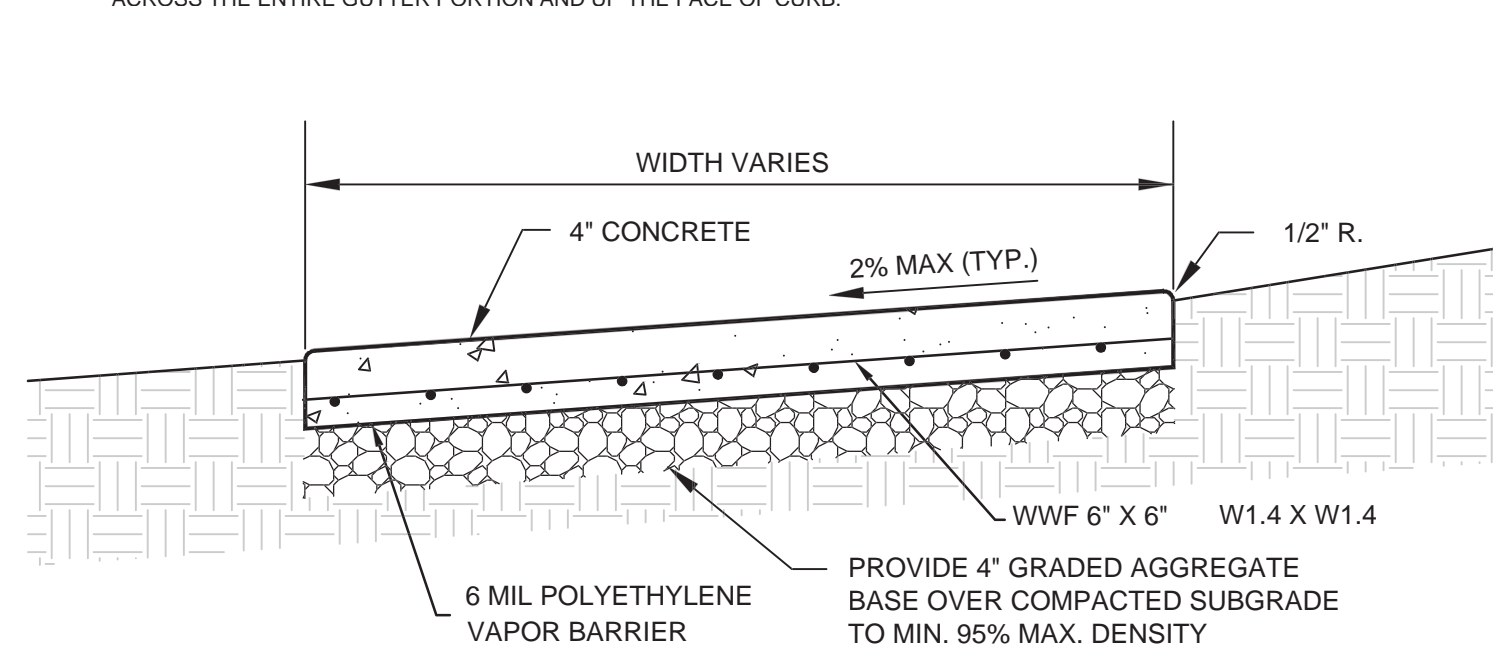


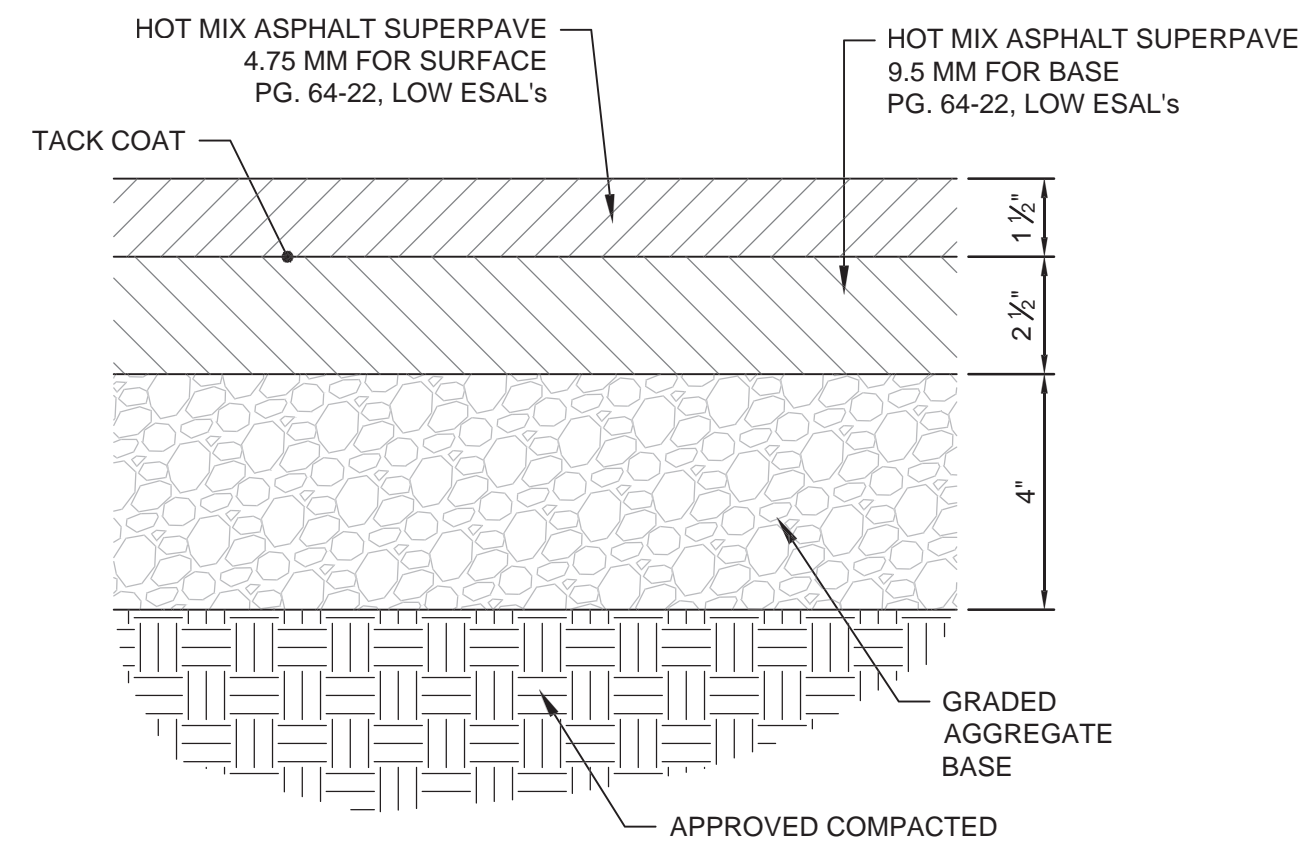
1 6" CONCRETE CURB AND GUTTER DETAILS
C2.11 NTS

- GENERAL NOTES:
- USE SHA CONCRETE MIX #3 (4500 PSI).
 - IN AREAS WHERE GUTTER ADJOINS CONCRETE PAVEMENT, PROVIDE 3/4"x15" DOWEL RODS AT 12" O.C.
 - WHERE CURB IS PLACED IN AREAS OF FILL, PROVIDE COMPACTED AGGREGATE FILL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
 - REFER TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION.
 - PROVIDE SMOOTH TRANSITION FROM STANDARD GUTTER TO SPILL GUTTER IN LOCATIONS SHOWN ON DRAWINGS AND IN ANY LOCATIONS WHERE PAVEMENT GRADING SLOPES AWAY FROM THE CURB. PROVIDE SMOOTH TRANSITION TO DEPRESSED CURB AS NEEDED.
 - AT LOCATIONS OF THE IN TO EXISTING CURB, REPLACE CURB TO THE NEAREST JOINT.
 - THE STANDARD DISTANCE BETWEEN JOINTS SHALL BE TEN FEET (MAXIMUM & MINIMUM DISTANCES SHALL BE 13 FEET AND 5 FEET RESPECTIVELY). IN AREAS WHERE GUTTER ADJOINS CONCRETE PAVEMENT, JOINTS SHALL BE FORMED IN LINE WITH THE TRANSVERSE JOINTS IN PAVEMENT.
 - EXPANSION JOINT MATERIAL SHALL BE 3/4" INCH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING TWO COMPONENT POLYSULFIDE OR POLYURETHANE ELASTOMETRIC TYPE SEALANT, COMPLYING WITH ASTM-C920. ALL OTHER JOINTS SHALL BE SEALED ACROSS THE ENTIRE GUTTER PORTION AND UP THE FACE OF CURB.



3 SITE CONCRETE SIDEWALK
C2.11 NTS

- ALL CONCRETE SHALL BE SHA MIX #3 (4500 PSI), DEPTH OF 4".
- SIDEWALK WIDTH VARIES. SEE SITE PLAN FOR DIMENSIONS.
- FOR SCORING PATTERNS, REFER TO ARCH. SITE PAVING PLAN.
- FINISH SURFACES PER SPECIFICATIONS.
- PROVIDE CONTROL JOINTS EVERY 5'-0" MINIMUM. CONTROL JOINTS SHALL BE FORMED W/ 1" DEPTH ZIP-STRIP TOOL.
- PROVIDE 1/2" WIDE SMOOTH EDGE AT EACH SQUARE EDGE.
- PROVIDE 1/2" EXPANSION JOINTS EVERY 24 FEET MAX. IF SIDEWALK WIDTH IS GREATER THAN 8'-0", ADD LONGITUDINAL CONTRACTION JOINT AT CENTERLINE OF SIDEWALK. EXPANSION JOINT MATERIAL SHALL BE 1/2" PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING, TWO-COMPONENT POLYURETHANE ELASTOMETRIC TYPE SEALANT COMPLYING WITH ASTM-C920.
- PROVIDE 1/2" EXPANSION JOINT FILLER & SEALANT WHERE SIDEWALK ABUTS CURB, BUILDING OR OTHER RIGID STRUCTURE(S).
- ADJUST SIDEWALK AT DOORS AS FOLLOWS (SEE DETAIL, THIS SHEET):
 - MODIFY STANDARD JOINT AND PANEL PATTERN TO PROVIDE SINGLE PANEL WITH A WIDTH EQUAL TO THE DOOR (OR BOTH DOORS) AND LENGTH OF 5' FROM THE BUILDING.
 - PROVIDE EXPANSION JOINT AROUND MODIFIED PANEL.
 - PROVIDE 24" #57 STONE UNDER MODIFIED PANEL.

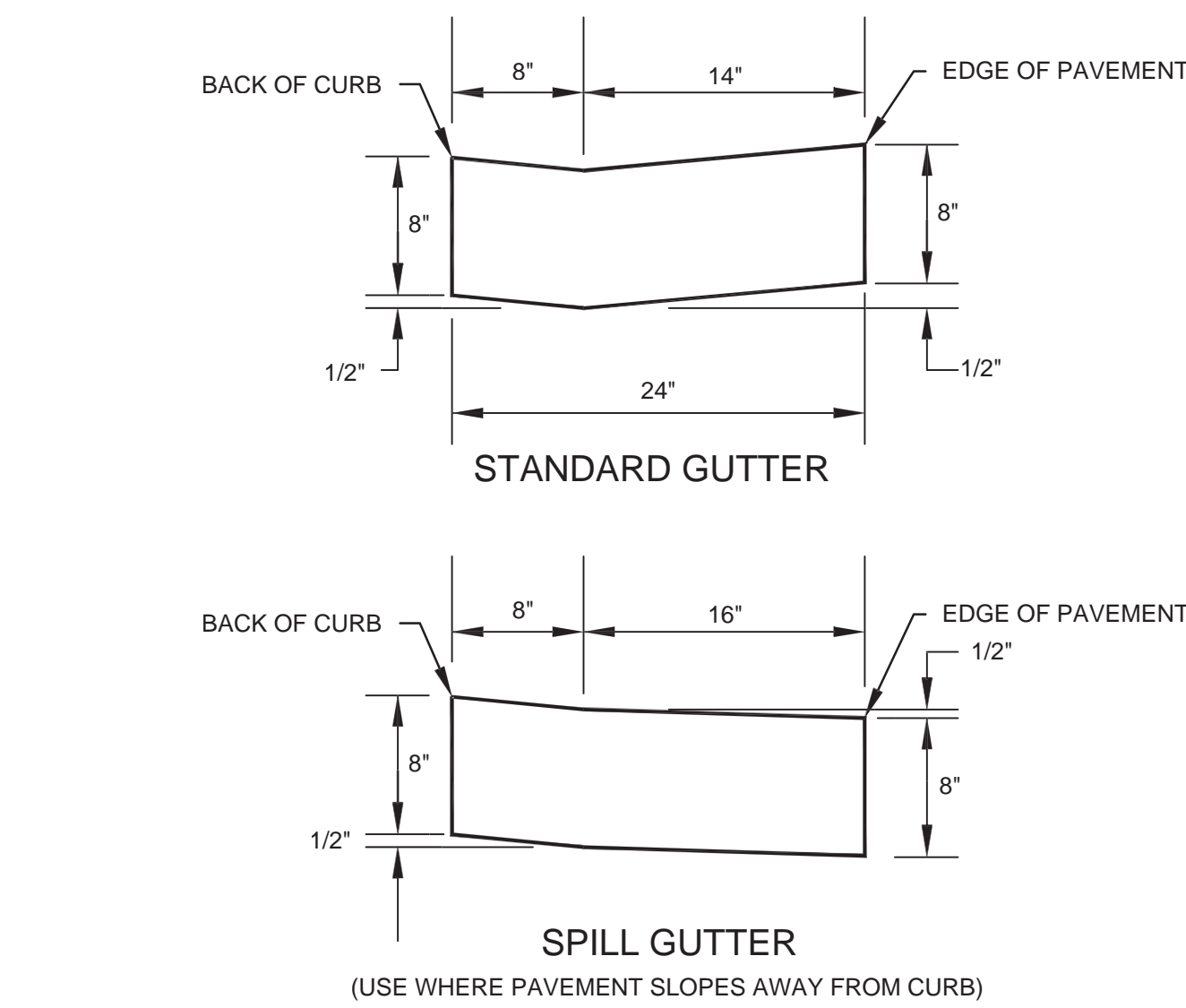


5 KINDERGARTEN PLAY AREA & ASPHALT PATH SECTION
C2.11 NTS

THE ASPHALT PAVING SECTION SHOWN IS THE MONTGOMERY COUNTY PUBLIC SCHOOLS - DIVISION OF CONSTRUCTION STANDARD & IS NOT BASED ON A GEOTECHNICAL REPORT. THE CONTRACTOR MUST HAVE THE SOIL TESTED AT THE TIME OF CONSTRUCTION BY A PROFESSIONAL GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER IS TO VERIFY THE ADEQUACY OF THE SECTION BASED ON THE SOIL TEST RESULTS AND THE PROPOSED USES.

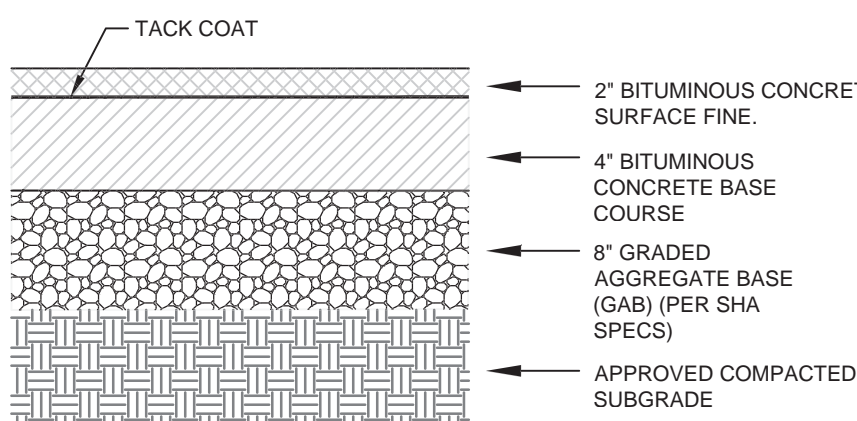
MACRIS, HENDRICKS, & GLASCOCK, P.A. MAKES NO GUARANTEE OR WARRANTY EITHER ASSUMED OR IMPLIED AS TO THE SUITABILITY OF THESE PAVING SECTIONS AND ASSUMES NO LIABILITY IN PROVIDING THE PAVING SECTIONS SHOWN ABOVE ON OUR DRAWINGS. THESE/THIS PAVING SECTIONS ARE PLACED HERE SOLELY FOR THE CONVENIENCE OF THE OWNER AND THE CONTRACTOR.

*THE SUBBASE IS TO BE PREPARED IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND RECOMMENDATIONS BY A PROFESSIONAL GEOTECHNICAL ENGINEER. THE SUBBASE IS TO BE TESTED BY A PROFESSIONAL GEOTECHNICAL ENGINEER, AFTER THE GRADING OPERATIONS ARE COMPLETE AND PRIOR TO PAVEMENT CONSTRUCTION. THE GEOTECHNICAL ENGINEER IS TO PROVIDE WRITTEN CONFIRMATION TO THE OWNER AND CONTRACTOR THAT THE SUBBASE HAS BEEN PREPARED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND THAT THE PAVEMENT SECTION SHOWN HEREON IS SUITABLE FOR THE PROPOSED USE(S).



2 DEPRESSED CONCRETE CURB AND GUTTER DETAIL
C2.11 NTS

- GENERAL NOTES:
- USE SHA CONCRETE MIX #3 (4500 PSI).
 - IN AREAS WHERE GUTTER ADJOINS CONCRETE PAVEMENT, PROVIDE 3/4"x15" DOWEL RODS AT 12" O.C.
 - REFER TO MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR MATERIALS AND METHODS OF CONSTRUCTION.
 - PROVIDE SMOOTH TRANSITION FROM STANDARD GUTTER TO SPILL GUTTER IN LOCATIONS SHOWN ON DRAWINGS AND IN ANY LOCATIONS WHERE PAVEMENT GRADING SLOPES AWAY FROM THE CURB. PROVIDE SMOOTH TRANSITION TO FULL HEIGHT CURB AS NEEDED.
 - THE STANDARD DISTANCE BETWEEN JOINTS SHALL BE TEN FEET (MAXIMUM & MINIMUM DISTANCES SHALL BE 13 FEET AND 5 FEET RESPECTIVELY). IN AREAS WHERE GUTTER ADJOINS CONCRETE PAVEMENT, JOINTS SHALL BE FORMED IN LINE WITH THE TRANSVERSE JOINTS IN PAVEMENT.
 - EXPANSION JOINT MATERIAL SHALL BE 3/4" INCH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING TWO COMPONENT POLYSULFIDE OR POLYURETHANE ELASTOMETRIC TYPE SEALANT, COMPLYING WITH ASTM-C920. ALL OTHER JOINTS SHALL BE SEALED ACROSS THE ENTIRE GUTTER PORTION AND ALONG THE FACE OF DEPRESSED CURB.



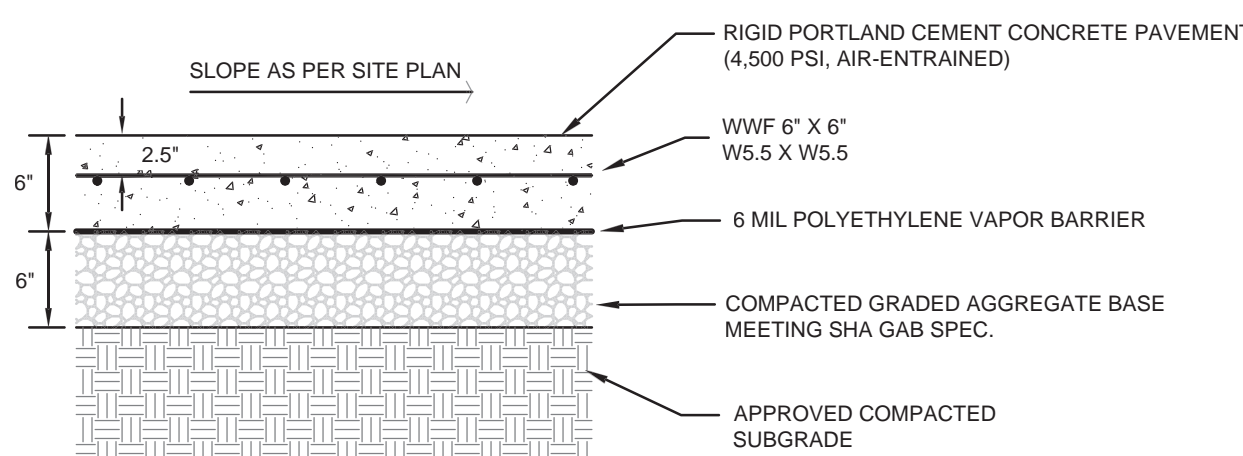
- 2" HOT MIX ASPHALT SUPER PAVE 9.5 MM (PER SHA SPECS) FOR SURFACE
- TWO LAYERS OF HOT MIX ASPHALT SUPER PAVE 19.0 MM (PER SHA SPECS) FOR BASE

THE ASPHALT PAVING SECTION SHOWN IS THE MONTGOMERY COUNTY PUBLIC SCHOOLS - DIVISION OF CONSTRUCTION STANDARD & IS NOT BASED ON A GEOTECHNICAL REPORT. THE CONTRACTOR MUST HAVE THE SOIL TESTED AT THE TIME OF CONSTRUCTION BY A PROFESSIONAL GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER IS TO VERIFY THE ADEQUACY OF THE SECTION BASED ON THE SOIL TEST RESULTS AND THE PROPOSED USES.

MACRIS, HENDRICKS, & GLASCOCK, P.A. MAKES NO GUARANTEE OR WARRANTY EITHER ASSUMED OR IMPLIED AS TO THE SUITABILITY OF THESE PAVING SECTIONS AND ASSUMES NO LIABILITY IN PROVIDING THE PAVING SECTIONS SHOWN ABOVE ON OUR DRAWINGS. THESE/THIS PAVING SECTIONS ARE PLACED HERE SOLELY FOR THE CONVENIENCE OF THE OWNER AND THE CONTRACTOR.

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4 MCPS STANDARD ASPHALT PAVING SECTION
C2.11 NTS



- CONTROL JOINTS (12-15' O.C.):
- 3/4" x 1/2" SAW CUT OR TOOLED WITH SEALANT
- EXPANSION/CONSTRUCTION JOINTS (36-48' O.C.):
- 3/4" x 15" DOWELS 12" O.C. W/ 1/2" ID. x 8" PLASTIC PIPE SLEEVE
 - 3/4" PREFORMED EXPANSION JOINT FILLER WITH 1/2" x 1" SEALANT

- ISOLATION JOINTS:
- 3/4" PREFORMED EXPANSION JOINT FILLER WITH 1/2" x 1" SEALANT
 - REFER TO CURB & GUTTER DETAILS FOR TREATMENT ALONG GUTTER

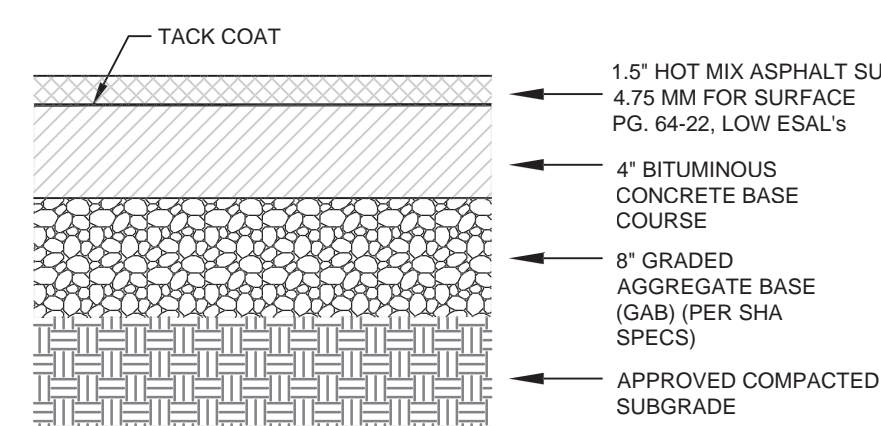
THE CONCRETE PAVING SECTION SHOWN IS NOT BASED ON A GEOTECHNICAL REPORT. THE CONTRACTOR MUST HAVE THE SOIL TESTED AT THE TIME OF CONSTRUCTION BY A PROFESSIONAL GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER IS TO VERIFY THE ADEQUACY OF THE SECTION BASED ON THE SOIL TEST RESULTS AND THE PROPOSED USES.

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6 MCPS STD. CONCRETE PAVING SECTION
C2.11 NTS

- ADA PARKING AREAS
- REFER TO SHEET 3/C2.11 FOR SIDEWALK PAVING SECTION & NOTES.
- REFER TO SHEET 7/C2.11 FOR CONCRETE PAVING JOINT DETAILS.



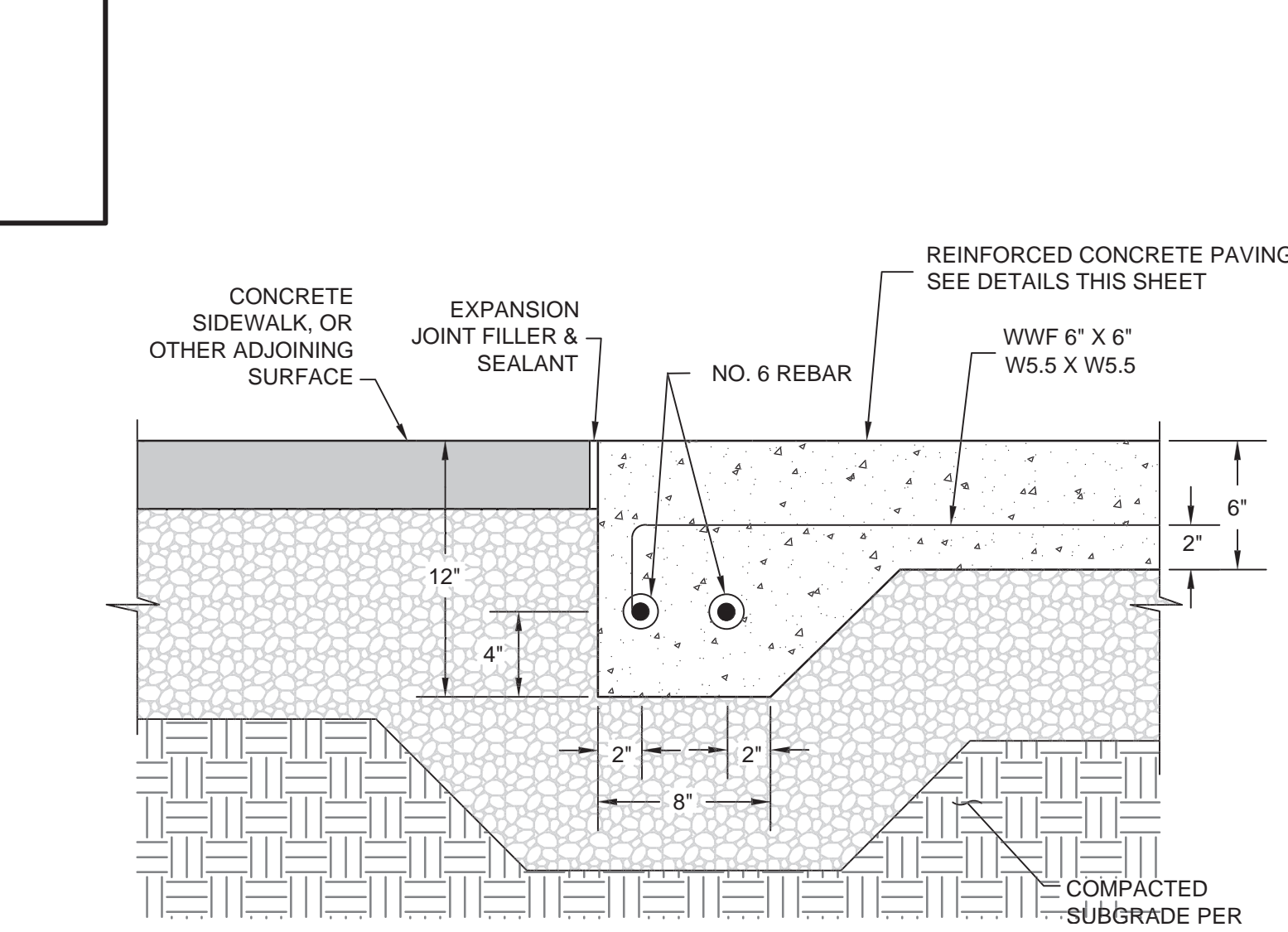
- 1.5" HOT MIX ASPHALT SUPERPAVE 4.75 MM FOR SURFACE PG. 64-22, LOW ESAL's
- TWO LAYERS OF HOT MIX ASPHALT SUPER PAVE 19.0 MM (PER SHA SPECS) FOR BASE

THE ASPHALT PAVING SECTION SHOWN IS THE MONTGOMERY COUNTY PUBLIC SCHOOLS - DIVISION OF CONSTRUCTION STANDARD & IS NOT BASED ON A GEOTECHNICAL REPORT. THE CONTRACTOR MUST HAVE THE SOIL TESTED AT THE TIME OF CONSTRUCTION BY A PROFESSIONAL GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER IS TO VERIFY THE ADEQUACY OF THE SECTION BASED ON THE SOIL TEST RESULTS AND THE PROPOSED USES.

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7 PLAY AREA ASPHALT (HEAVY DUTY)
C2.11 NTS



8 CONCRETE PAVING - EDGE OF SLAB
C2.11 NTS

CONCRETE PAVING SPECIFICATIONS:

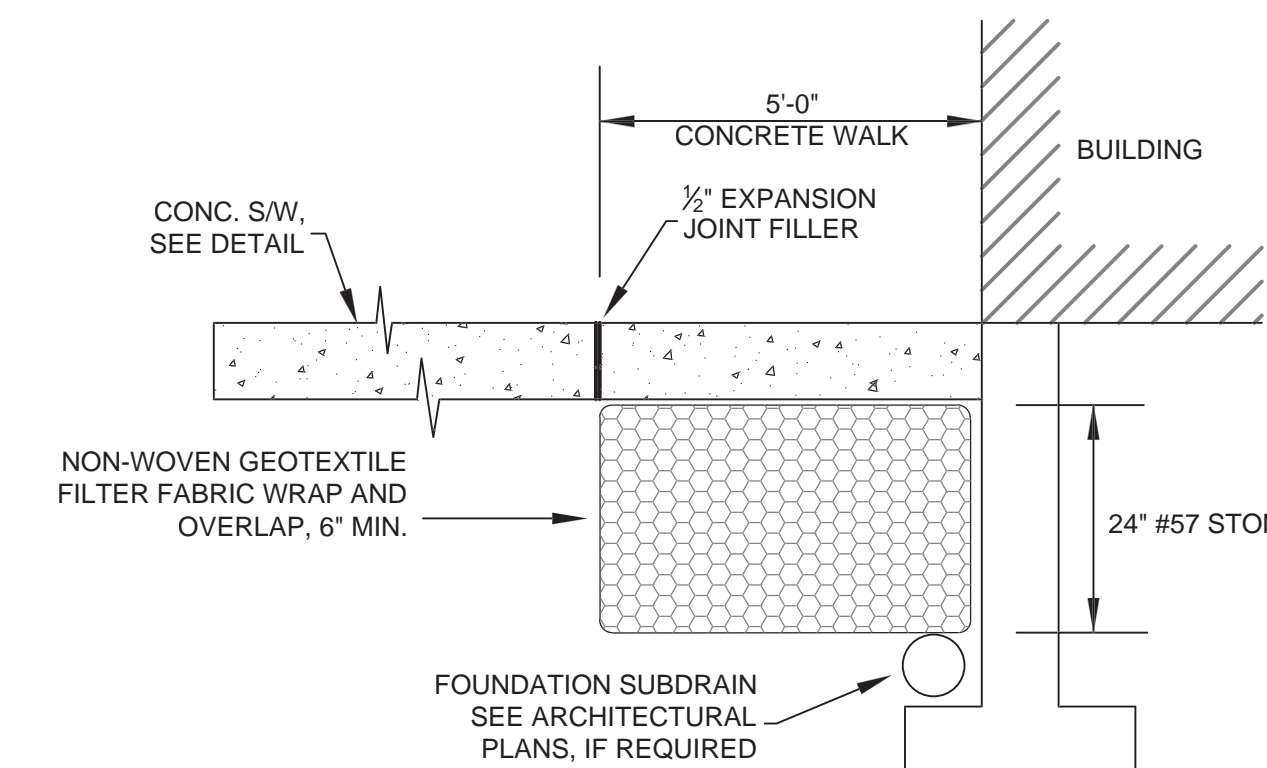
ALL CONCRETE PAVING WORK NOT SHOWN OR SPECIFIED SHALL COMPLY WITH THE LATEST EDITION OF SHA STANDARD SPECIFICATIONS, SECTION 520.

RIGID PORTLAND CEMENT CONCRETE, Fc=4500 PSI, AIR ENTRAINED

FINAL SURFACE FINISH
AFTER THE CONCRETE HAS BEEN FLOATED AND THE SURFACE CORRECTED, IT SHALL BE FINISHED BY DRAGGING THE SURFACE IN A LONGITUDINAL DIRECTION WITH BURLAP. THIS DRAG SHALL BE WORKED WITH A LONGITUDINAL MOTION, CARE BEING USED NOT TO PERMIT THE EDGES TO DIG INTO THE SURFACE OF THE CONCRETE OR TO WORK THE CROWN OUT OF THE PAVEMENT.

AFTER THE WATER SHEEN HAS PRACTICALLY DISAPPEARED, BUT PRIOR TO ANY INITIAL SET, THE SURFACE SHALL BE GIVEN THE FINAL FINISH BY BROOMING. THE BROOM SHALL BE MOVED FROM ONE SIDE OF THE PAVEMENT TO THE OTHER WITHOUT INTERRUPTION. THE TRAVEL OF THE BROOM SHALL OVERLAP A SMALL AMOUNT. THE BROOMING SHALL BE PERPENDICULAR TO THE LINE OF THE PAVEMENT AND SO EXECUTED THAT THE CORRUGATIONS THUS PRODUCED WILL BE OF UNIFORM CHARACTER AND WIDTH AND NOT MORE THAN 1/8 INCH IN DEPTH. WITH THE RESULTING SURFACE FREE FROM OBJECTIONABLE DEPRESSIONS OR PROJECTIONS THAT MIGHT BE FORMED BY IMPROPER HANDLING. THE BROOMING MUST BE COMPLETED BEFORE THE EDGES OF THE PAVEMENT AND JOINTS ARE ROUNDED.

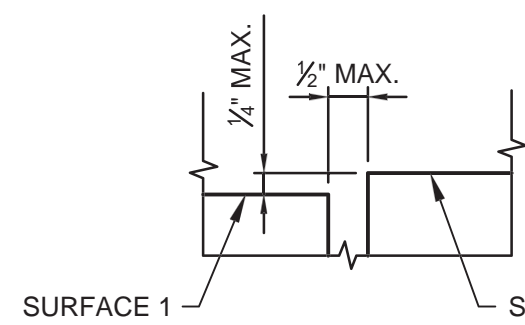
THE SURFACE OF THE PAVEMENT ADJACENT TO ALL CURBS, I.E., IN THE FLOW LINE OF THE GUTTER, SHALL BE TROWELED AND FINISHED WITH HAIR BROOMS.



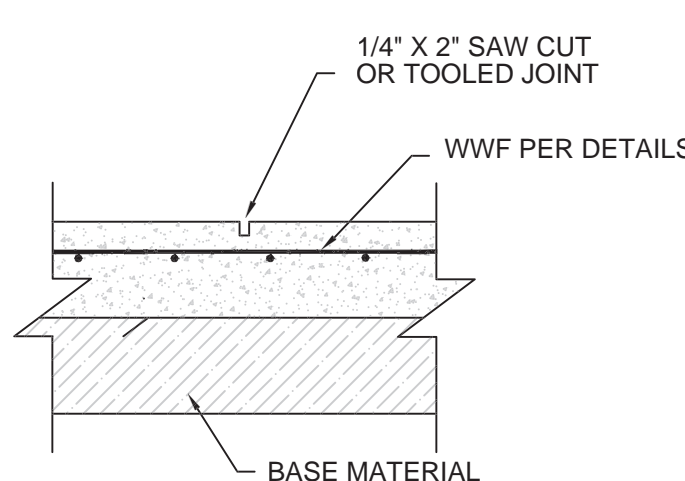
- NOTES:
- DETAIL IS FOR THE FULL WIDTH CONCRETE STOOP
 - STOOP SHALL BE SEPARATE POUR FROM ADJOINING SIDEWALK

9 CONCRETE SIDEWALK STOOP DETAIL
C2.11 NTS

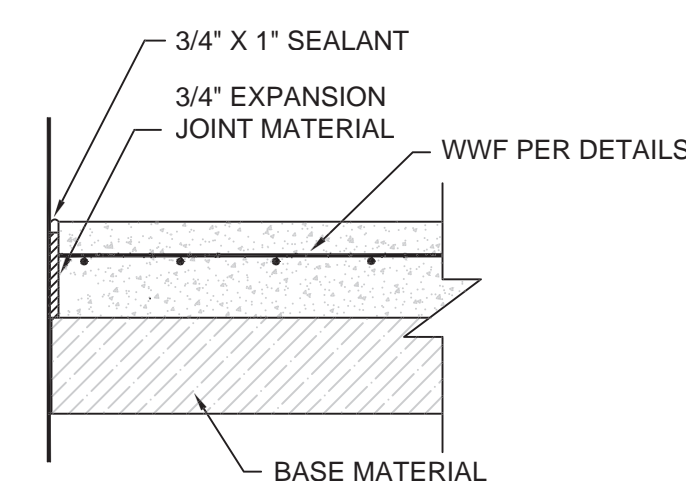
TYPICAL FOR NEW BUILDING ENTRANCES
USE MSHA CONCRETE MIX #3 = 3500 psi



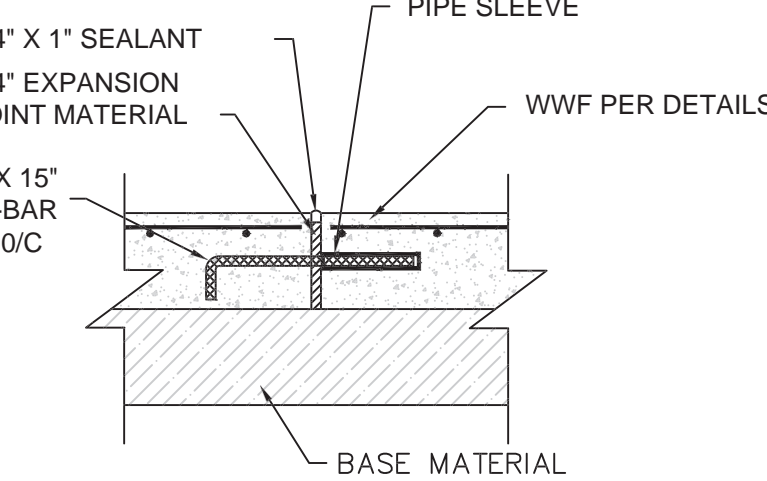
10 CHANGES IN VERTICAL ELEVATION DETAIL
C2.11 NTS



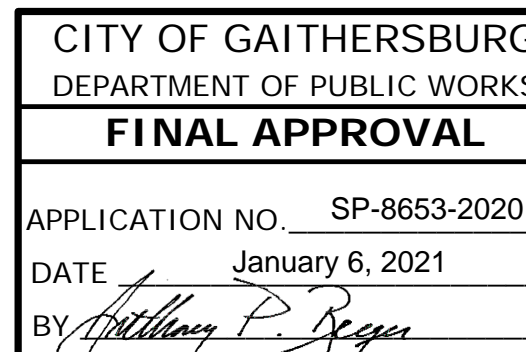
SAW CUT JOINT



EXPANSION JOINT
(AT INTERFACE WITH ALL RIGID SURFACES)



CONSTRUCTION JOINT



ARCHITECT



9211 CORPORATE BLVD, SUITE 340
ROCKVILLE, MD 20850
301-770-0177(P) 301-330-3224(F)

CIVIL

MACRIS, HENDRICKS &
GLASCOCK
9220 WIGHTMAN RD, SUITE 120
MONTGOMERY VILLAGE, MD 20886
301-670-0840(P)

STRUCTURAL

COMPREHENSIVE
STRUCTURAL SOLUTIONS
9220 WIGHTMAN RD, SUITE 120
MONTGOMERY VILLAGE, MD 20886
240-200-5599(P)

MECH/ELECTRICAL/PLUMBING

JAMES POSEY ASSOCIATES

11155 RED RUN BLVD, SUITE 310
BALTIMORE, MD 21117
410-265-6100(P)

KITCHEN

NYIKOS-GARCIA
FOODSERVICE DESIGN, INC
18219-A FLOWER HILL WAY
GAITHERSBURG, MD 20879
240-683-9530 (P)

SUSTAINABILITY

DOO CONSULTING, LLC

531 PICCADILLY ROAD
BALTIMORE, MD 21204
443-653-3792 (P)

CONSTRUCTION MANAGER

SKANSKA USA BUILDING INC.

700 KING FARM BLVD, SUITE 200
ROCKVILLE, MD 20850
301-795-3100 (P)

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed Professional Engineer under the laws of the State of Maryland, License No.: 16905, Expiration Date: 4.21.2022.

PROFESSIONAL SEAL:



PRINTS ISSUED

NO.	DESCRIPTION:	DATE:
1	BID DOCUMENTS	10/21/2020
2	ADDENDUM #2	11/25/2020
3	ADDENDUM #3	12/01/2020
4	ADDENDUM #4	12/03/2020

TAX MAP FTR2 WSSC 22AN0109

PLAT 12762

9TH ELECTION DISTRICT
CITY OF GAITHERSBURG, MD

GAITHERSBURG
CLUSTER
ELEMENTARY
SCHOOL #8

MONTGOMERY
COUNTY PUBLIC
SCHOOLS

SHEET TITLE:
SITE DETAILS

PROJECT NO: 19007

DATE: 12/04/20

SCALE: AS NOTED

SHEET NO:

19007

12/04/20

AS NOTED

SHEET NO:

19007

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AS NOTED

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